



Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

SAFETY DATA SHEET

NON DRIP GLOSS TIMLESS

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
GHS product identifier	: 🔽 NON DRIP GLOSS TIMLESS
1.2. Relevant identified uses	s of the substance or mixture and uses advised against
Product use	: Zolvent borne coating for interior and exterior use.
1.3. Details of the supplier of	of the safety data sheet
	ICI Paints AkzoNobel,
	Wexham Road,
	Slough, Berkshire,
	SL2 5DS, U.K.
	Tel.: +44 (0) 333 222 71 71
	www.dulux.co.uk
e-mail address of person	: dulux.advice@akzonobel.com
responsible for this SDS	
1.4 Emergency telephone n	
National advisory body/Po	ison Center
Telephone number	: +44 (0)344 892 0111
<u>Supplier</u>	
Telephone number	: Emergency Telephone : Slough +44 (0) 1753 550000
Version	: 1.01
Date of previous issue	28-3-2023

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Flam. Liq. 3, H226 STOT SE 3, H336

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

NON DRIP GLOSS TIMLESS

SECTION 2: Hazards identification

:

Hazard pictograms



		 ✓ ✓
Signal word	:	Warning
Hazard statements	:	H226 - Flammable liquid and vapor.
		H336 - May cause drowsiness or dizziness.
Precautionary statements		
General	:	P102 - Keep out of reach of children. P101 - If medical advice is needed, have product container or label at hand.
Prevention	:	 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P271 - Use only outdoors or in a well-ventilated area. P261 - Avoid breathing vapor.
Response	:	P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell.
Storage	:	P405 - Store locked up. P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. P403 + P235 - Keep cool.
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.
Hazardous ingredients	:	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics
Supplemental label elements	:	Repeated exposure may cause skin dryness or cracking. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	
Special packaging requirem	nen	ts
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	:	Not applicable.
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other hazards which do not result in classification	:	None known.
SECTION 3: Compos	iti	on/information on ingredients

SECTION 3: Composition/information on ingredients

3.2	Mixtures	\$
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: Mixture

NON DRIP GLOSS TIMLESS

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, <2% aromatics	REACH #: 01-2119463258-33 EC: 919-857-5	≥15 - ≤20	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066	-	[1]
Titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≥10 - ≤15	Carc. 2, H351 (inhalation)	-	[1] [*]
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics	EC: 919-857-5 CAS: 64742-48-9	≤5	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304	-	[1]
Hydrocarbons,C10-C13,n- alkanes,isoalkanes,cyclics, <2%aromatics	REACH #: 01-2119457273-39 EC: 918-481-9	≤3	Asp. Tox. 1, H304 EUH066	-	[1]
calcium isononanoate	EC: 258-901-1 CAS: 53988-05-9	≤3	Acute Tox. 4, H302 Eye Irrit. 2, H319	ATE [Oral] = 500 mg/kg	[1]
Reaction Mass of Ethylbenzene and M- Xylene and P-Xylene	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7	<1	Flam. Liq. 3, H226 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 See Section 16 for	ATE [Dermal] = 1100 mg/kg ATE [Inhalation (gases)] = 6670 ppm	[1] [2]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form containing 1% or more of titanium dioxide particles with aerodynamic diameter \leq 10 µm not bound within a matrix.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

3/18

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SECTION 4: First aid measures

Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

	nausea or vomiting headache
	drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.
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NON DRIP GLOSS TIMLESS

SECTION 4: First aid measures

4.3 Indication of any immediate medical attention and special treatment needed Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Specific treatments No specific treatment. SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing Use dry chemical, CO₂, water spray (fog) or foam.

media	, , , , , , , , , , , , , , , , , , , ,
Unsuitable extinguishing media	: Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.	
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides	
5.3 Advice for firefighters		
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.	
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

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SECTION 6: Accidental release measures

Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.
6.4 Reference to other sections	: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8.2 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Seveso Directive - Reporting thresholds

Danger criteria

	Notification and MAPP threshold	Safety report threshold	
P5c	5000 tonne	50000 tonne	

7.3 Specific end use(s)

Recommendations

: Not available.

NON DRIP GLOSS TIMLESS

SECTION 7: Handling and storage

Industrial sector specific : Not available. solutions

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed through skin. STEL: 441 mg/m ³ 15 minutes. TWA: 50 ppm 8 hours. TWA: 220 mg/m ³ 8 hours. STEL: 100 ppm 15 minutes.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
Reaction Mass of Ethylbenzene and	DNEL	Long term Oral	1.6 mg/kg	General	Systemic
M-Xylene and P-Xylene			bw/day	population	
	DNEL	Long term	14.8 mg/m ³	General	Systemic
		Inhalation		population	
	DNEL	Long term	77 mg/m³	Workers	Systemic
		Inhalation			
	DNEL	Long term Dermal	108 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	180 mg/kg	Workers	Systemic
		-	bw/day		-
	DNEL	Short term	289 mg/m ³	Workers	Local
		Inhalation	_		
	DNEL	Short term	289 mg/m ³	Workers	Systemic
		Inhalation	Ű		-

PNECs

No PNECs available.

8.2 Exposure controls

NON DRIP GLOSS TIMLESS

SECTION 8: Exposure controls/personal protection									
Appropriate engineering controls	:	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.							
Individual protection measu									
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.							
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.							
Skin protection									
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.							
		When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time >480 minutes according to EN374) is recommended. Recommended gloves: Viton ® or Nitrile, thickness \geq 0.38 mm. When only brief contact is expected, a glove with protection class of 2 or higher (breakthrough time >30 minutes according to EN374) is recommended. Recommended gloves: Nitrile, thickness \geq 0.12 mm. Gloves should be replaced regularly and if there is any sign of damage to the glove material.							
		The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of							
		use, as included in the user's risk assessment.							
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.							
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.							
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.							
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.							
Date of issue/Date of revision		: 6-6-2023 Date of previous issue : 28-3-2023 Version : 1.01 8/18							

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Auto-ignition temperature

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Various: See label.
Odor	: Not available.
Odor threshold	: Not available.
Melting point/freezing point	: Not available.
Boiling point, initial boiling point, and boiling range	: 149°C (300.2°F)
Flammability	: Not available.
Lower and upper explosion limit	: Not available.
Flash point	: Closed cup: 32°C (89.6°

2

°F) [Pensky-Martens]

Ingredient name	°C	°F	Method
Hydrocarbons,C11-C14,n-alkanes,isoalkanes,cyclics, <2%aromatics	>220	>428	
N,N-diethylhydroxylamine	265	509	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	280 to 470	536 to 878	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics	280 to 470	536 to 878	
Hydrocarbons,C10-C13,n-alkanes,isoalkanes,cyclics, <2%aromatics	280 to 470	536 to 878	
Naphtha (petroleum), hydrotreated heavy	280 to 470	536 to 878	
butan-1-ol	355	671	EU A.15
propane-1,2-diol	371	699.8	
5,12-dihydroquino[2,3-b]acridine-7,14-dione	380	716	
3-methoxybutyl acetate	410	770	
Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	432	809.6	

Decomposition temperature

1	Not available	

рН	: Not applicable. [DIN EN 1262]				
Viscosity	: Kinematic: 655 mm²/s [DIN EN ISO 3219]				
Solubility(ies)	:				
Media	Result				
cold water	Not soluble [OESO (TG 105)]				
Partition coefficient: n-octanol/ : Not applicable.					

water

Vapor pressure 2

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SECTION 9: Physical and chemical properties

	Vapor Pressure at 20°C Vapor press					e at 50°C
Ingradiant name			i			
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
Water	23.8	3.2				
butan-1-ol	<7.5	<1	DIN EN 13016-2			
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	6.7	0.89				
N,N-diethylhydroxylamine	3.98	0.53				
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	0.75 to 2.25	0.1 to 0.3				
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics	0.75 to 2.25	0.1 to 0.3				
Hydrocarbons,C10-C13,n-alkanes, isoalkanes,cyclics,<2%aromatics	0.75 to 2.25	0.1 to 0.3				
Naphtha (petroleum), hydrotreated heavy	0.75 to 2.25	0.1 to 0.3				
3-methoxybutyl acetate	0.26	0.035	OECD 104	3.75	0.5	OECD 104
Hydrocarbons,C11-C14,n-alkanes, isoalkanes,cyclics,<2%aromatics	0.23 to 0.45	0.031 to 0.06				
propane-1,2-diol	0.15	0.02	EU A.4			
propylidynetrimethanol	0	0				
Relative density	: 1.07		· · · · · · · · · · · · · · · · · · ·			
Density	: 1.07	g/cm³ [DIN E	N ISO 2811-1]			
Vapor density	: Not a	vailable.	-			
Particle characteristics						
Median particle size	: Not a	pplicable.				
Percentage of particles with aerodynamic diameter ≤ 10 μm						

SECTION 10: Stability and reactivity 10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients. **10.2 Chemical stability** : The product is stable. 10.3 Possibility of : Under normal conditions of storage and use, hazardous reactions will not occur. hazardous reactions 10.4 Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. : Reactive or incompatible with the following materials: **10.5 Incompatible materials** oxidizing materials **10.6 Hazardous** : Under normal conditions of storage and use, hazardous decomposition products should not be produced. decomposition products

Date of issue/Date of revision

NON DRIP GLOSS TIMLESS

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, <2% aromatics	LC50 Inhalation Vapor	Rat	8500 mg/m³	4 hours
	LD50 Oral	Rat	>6 g/kg	-
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics	LC50 Inhalation Vapor	Rat	8500 mg/m ³	4 hours
	LD50 Oral	Rat	>6 g/kg	-
Hydrocarbons,C10-C13,n- alkanes,isoalkanes,cyclics, <2%aromatics	LC50 Inhalation Vapor	Rat	8500 mg/m ³	4 hours
	LD50 Oral	Rat	>6 g/kg	-
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	LC50 Inhalation Gas.	Rat	6670 ppm	4 hours
-	LD50 Oral	Rat	4300 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-

Conclusion/Summary : Not available.

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
157508 calcium isononanoate	37037 500	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	4300	1100	6670	N/A	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300	-
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	Eyes - Mild irritant	Rabbit	-	ug l 87 mg	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5	-
	Skin - Mild irritant Skin - Moderate irritant	Rat Rabbit	-	mg 8 hours 60 UI 100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Conclusion/Summary	: Not available.	1			
Sensitization					
Conclusion/Summary	: Not available.				
Mutagenicity					
Conclusion/Summary	: Not available.				

Carcinogenicity

NON DRIP GLOSS TIMLESS

SECTION 11: Toxicological information

-	•						
Product/ingredient name	Result	Species	Dose	Exposure			
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	Positive - Inhalation - TC	Mouse	<75 ppm	103 weeks; 5 days per week			
Conclusion/Summary	: Not available.						
Reproductive toxicity							
Conclusion/Summary	: Not available.						
Teratogenicity							
Conclusion/Summary	: Not available.						
Specific target organ toxicity (single exposure)							
Product/ingredient name		Category	Route of exposure	Target organs			

Product/ingredient name	Category	exposure	l arget organs
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Category 3	-	Narcotic effects
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	Category 3 Category 3		Narcotic effects Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Reaction Mass of Ethylbenzene and M-Xylene and P- Xylene	Category 2	-	-

Aspiration hazard

Product/ingredient name	Result
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	ASPIRATION HAZARD - Category 1
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics	ASPIRATION HAZARD - Category 1
Hydrocarbons,C10-C13,n-alkanes,isoalkanes,cyclics, <2%aromatics	ASPIRATION HAZARD - Category 1
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	ASPIRATION HAZARD - Category 1

Information on the likely	: Not available.
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routes of exposure

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: Can cause central nervous system (CNS) depression.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness

NON DRIP GLOSS TIMLES	S	
SECTION 11: Toxico	lo	gical information
Skin contact	:	Adverse symptoms may include the following: irritation dryness cracking
Ingestion	:	No specific data.
	ts	and also chronic effects from short and long term exposure
<u>Short term exposure</u>		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health eff	ect	<u>s</u>
Not available.		
Conclusion/Summary	:	Not available.
General	:	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.

11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

There are no data available on the mixture itself. Do not allow to enter drains or watercourses.

The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as hazardous to the environment, but contains substance(s) hazardous to the environment. See section 3 for details.

Product/ingredient name	Result	Species	Exposure
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	Acute LC50 8.5 ppm Marine water	Crustaceans - Palaemonetes pugio - Adult	48 hours
	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 15700 µg/l Fresh water	Fish - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Conclusion/Summary	: Not available.	•	·

NON DRIP GLOSS TIMLESS

SECTION 12: Ecological information

12.2 Persistence and degradability

Conclusion/Summary : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, <2% aromatics	-	10 to 2500	high
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics	-	10 to 2500	high
Hydrocarbons,C10-C13,n- alkanes,isoalkanes,cyclics, <2%aromatics	-	10 to 2500	high
calcium isononanoate Reaction Mass of Ethylbenzene and M-Xylene and P-Xylene	- 3.12	3.1 to 7 8.1 to 25.9	low low

12.4 Mobility in soil

Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

<u>Product</u> Methods of disposal	: The genera	ation of waste should be a	avoided or minimized	l wherever possible.		
	Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.					
Hazardous waste	: The classif	ication of the product may	y meet the criteria fo	r a hazardous waste.		
Date of issue/Date of revision	: 6-6-2023	Date of previous issue	: 28-3-2023	Version : 1.01 14/18		

NON DRIP GLOSS TIMLESS

SECTION 13: Disposal considerations

Disposal considerations : Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information, contact your local waste authority.

European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

Waste code	Waste designation				
EWC 08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances				
Packaging					
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.				
Disposal considerations	 Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions. 				
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.				

SECTION 14: Transport information

	ADR/RID	IMDG			
14.1 UN number	UN1263	UN1263			
14.2 UN proper shipping name	PAINT	PAINT			
14.3 Transport hazard class(es)	3	3			
14.4 Packing group	ш	ш			
14.5 Environmental hazards	No.	No.			
Additional informat	ion				
ADR/RID	 Viscous liquid exception This of packagings up to 450 L according <u>Tunnel code</u> (D/E) 	class 3 viscous liquid is not subject to regulation in g to 2.2.3.1.5.1.			
IMDG		Emergency schedules F-E, S-E Viscous liquid exception This class 3 viscous liquid is not subject to regulation in packagings up to 450 L according to 2.3.2.5.			
14.6 Special precautions for user : Transport within user's premises: always transport in closed contain upright and secure. Ensure that persons transporting the product know the event of an accident or spillage.		persons transporting the product know what to do in			

Date of issue/Date of revision: 6-6-2023Date of previous issue: 28-3-2023Version: 1.0	15/18
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SECTION 14: Transport information

14.7 Transport in bulk : Not available. according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>UK (GB) /REACH</u>

Annex XIV - List of substances subject to authorization

<u>Annex XIV</u>

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market

and use of certain dangerous substances, mixtures and articles

Other EU regulations

VOC	:	The provisions of Directive 2004/42/EC on VOC apply to this proproduct label and/or technical data sheet for further information.
VOC for Ready-for-Use Mixture	:	Not available.
Industrial emissions (integrated pollution prevention and control) - Air	:	Not listed
Industrial emissions	:	Not listed

(integrated pollution prevention and control) -

. Water

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is controlled under the Seveso Directive.

Danger criteria

	Category		
	P5c		
Na	National regulations		

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

this product. Refer to the

NON DRIP GLOSS TIMLESS

SECTION 15: Regulatory information

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

15.2 Chemical Safety

: No Chemical Safety Assessment has been carried out.

Assessment

SECTION 16: Other information

Indicates information that has changed from previously issued version.			
Abbreviations and	: ATE = Acute Toxicity Estimate		
acronyms CLP = Classification, Labelling and Packaging Regulation [Regulation (B			
	1272/2008]		
	DMEL = Derived Minimal Effect Level		
	DNEL = Derived No Effect Level		
	EUH statement = CLP-specific Hazard statement		
	N/A = Not available		
	PBT = Persistent, Bioaccumulative and Toxic		
	PNEC = Predicted No Effect Concentration		
	RRN = REACH Registration Number		
	SGG = Segregation Group		
	vPvB = Very Persistent and Very Bioaccumulative		

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
	On basis of test data Calculation method

Full text of abbreviated H statements

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated
	exposure.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of classifications [CLP/GHS]

NON DRIP GLOSS TIMLESS

SECTION 16: Other information

: 1.01

Acute Tox. 4 Aquatic Chronic 3		ACUTE TOXICITY - Category 4 AQUATIC HAZARD (LONG-TERM) - Category 3
Asp. Tox. 1		ASPIRATION HAZARD - Category 1
Eye Dam. 1		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
Eye Irrit. 2		SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 3		FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2		SKIN CORROSION/IRRITATION - Category 2
STOT RE 2		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) - Category 2
STOT SE 3		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
		Category 3
Date of printing	: 14-6-2023	
Date of issue/ Date of	: 6-6-2023	
revision		
Date of previous issue	: 28-3-2023	

Version

Notice to reader

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Safety Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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